| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 0 | (pulse near width near modulat\$3 and current and measuring near average and control\$4 near10 current and dual-slope near integrator and duty near cycle and compar\$3 and regulat\$3 and multicative near factor and additive near factor).clm. | US-PGPUB | OR | ON . | 2006/10/20 10:07 |
| L2 | 521 | 700/295,296,297.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L3 | 28 | L2 and (PWM pulse adj width adj modulation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L4 | 13 | L3 and duty adj cycle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L5 | 1 | L4 and (dual adj slope adj integrator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OŖ | ON | 2006/10/20 10:07 |
| L6 | 13 | L3 and duty adj cycle and current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L7 | 9 | L2 and (PWM pulse adj width adj modulation) near10 current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L8 | 8 | L7 and duty adj cycle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L9 | 0 | L7 and setting near10 duty adj cycle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |

| | | LASI Scarci | | | | • |
|-----|------|---|---|----|----|------------------|
| L10 | 0 | L7 and setting near10 (duty adj cycle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L11 | 160 | dual adj slope adj integrator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L12 | 1 | (dual adj slope adj integrator) near10 average near2 current\$1 near10 duty adj cycle\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L13 | 2 | (dual adj slope adj integrator) near10 average near2 current\$1 and duty adj cycle\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L14 | 4 | (dual adj slope adj integrator) and average near2 current\$1 and duty adj cycle\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L15 | 2 | (dual\$1 adj slope adj integrator) and solenoid and average near current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L16 | 2 | (dual\$1 adj slope adj integrator) and solenoid and average near current\$1 and duty near cycle\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L17 | 9 | (dual\$1 adj slope adj integrator) and solenoid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L18 | 1583 | (pulse with width with provid\$3 with current\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L19 | 0 | (pulse with modulator with provid\$3 with current\$1) and (dual-slope dual near slope) near integrat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |

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|-----|-----|--|---|------|----|--|
| L20 | 0 | (pulse with modulator with provid\$3 with current\$1) and (dual-slope dual near slope) near integrator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L21 | 0 | (pulse with modulator with provid\$3 with current\$1) and (dual-slope dual near slope) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L22 | 10 | (pulse with modulator with provid\$3 with average with current\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2006/10/20 10:07 |
| L23 | | (pulse with modulator with provid\$3 with current\$1) and solenoid and duty near cycle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L24 | 2 | (pulse near5 modulator near10 provid\$3 near10 current\$1) and solenoid and duty near cycle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L25 | 1 | (sandu near margarit).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L26 | 11 | L2 and (PWM pulse adj width adj modulation) near15 current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L27 | 3 | ("4801874").URPN. | USPAT | OR | ON | 2006/10/20 10:07 |
| L28 | 0 | ("2002/0050579").URPN. | USPAT | OR | ON | 2006/10/20 10:07 |
| L29 | 700 | 375/238.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L30 | 60 | L29 and (setting control\$4) near10 (duty near cycle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |

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| L31 | 0 | L29 and (setting control\$4) near10 (duty near cycle) and (dual\$1 near2 slope near2 integrator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L32 | 3 | L29 and (setting control\$4) near10 (duty near cycle) and (solenoid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L33 | 2 | L29 and (setting control\$4) near10 (duty near cycle) and (solenoid) and average near10 current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L34 | 376 | 332/109.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L35 | 37 | L34 and (setting control\$4) near10 (duty near cycle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L36 | 0 | L34 and (setting control\$4) near10 (duty near cycle) and (dual\$1 near2 slope near2 integrator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR T | ON | 2006/10/20 10:07 |
| L37 | 1 | L34 and (setting control\$4) near10 (duty near cycle) and (solenoid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L38 | 1 | L34 and (setting control\$4) near10 (duty near cycle) and (solenoid) and average near10 current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L39 | 914 | (388/819,804,811).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L40 | 134 | L39 and (setting control\$4) near10 (duty near cycle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |

| L41 | 0 | L39 and (setting control\$4) near10 (duty near cycle) and (dual\$1 near2 slope near2 integrator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
|-----|---|--|---|----|----|------------------|
| L42 | 5 | L39 and (setting control\$4) near10 (duty near cycle) and (solenoid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |
| L43 | 2 | L39 and (setting control\$4) near10 (duty near cycle) and (solenoid) and average near10 current\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/20 10:07 |